

PKK2233.SEQ



Return to this vector's summary.

ID PKK2233 preliminary; circular DNA; SYN; 4584 BP.
XX
AC M77749; IG0335;
XX
DT 23-OCT-1991 (Rel. 6, Created)
DT 01-JUL-1995 (Rel. 12, Last updated, Version 1)
XX
DE E. coli plasmid vector PKK223-3 - complete.
XX
KW cloning vector.
XX
OS Cloning vector
OC Artificial sequences; Cloning vehicles.
XX
RN [1]
RC pKK125-1 from pKK92c-2 & pKK3535 & linker
RC pKK176-2, pKK176-3 from pKK125-1 & linker
RC pAH1-1 from pKK125-1 & pKK231-1
RC pAH3-4 from pKK176-2 & pKK231-1
RC pAH4-1 from pKK176-3 & pKK231-1
RC pAH7-2 from pAH1-1 & linker
RC pAH9-2 from pAH3-4 & linker
RC pAH10-2 from pAH4-1 & linker
RC pKK278-8 from pAH1-1 & pKK34-121 & pKK92c-2 & pKK231-1
RC pKK279-1 from pAH3-4 & pKK34-121 & pKK92c-2 & pKK231-1
RC pKK287-12 from pAH4-1 & pKK34-121 & pKK92c-2 & pKK231-1
RC pKK223-3 from pKK10-2 & ptacl1 & linker & pUC8
RA Brosius J., Holy A.;
RT "Regulation of ribosomal RNA promoters with a synthetic lac
RT operator";
RL Proc. Natl. Acad. Sci. U.S.A. 81:6929-6933(1984).
XX
RN [2]
RC pLC29-47 from Cole1 & E.coli dehydroquinase synthase gene
RC pJB14 from pLC29-47 & pKK223-3
RA Frost J.W., Bender J.L., Kadonaga J.T., Knowles J.R.;
RT "Dehydroquinase synthase from Escherichia coli: purification,
RT cloning, and construction of overproducers of the enzyme";
RL Biochemistry 23:4470-4475(1984).
XX
RN [3]

PKK2233.SEQ

RC from pKK series, human alpha-tubulin expression
RA Yaffe B.M., Levison B.S., Szasz J., Sternlicht H.;
RT "Expression of a human alpha-tubulin: properties of the isolated
RT subunit";
RL Biochemistry 27:1869-1880(1988).
XX
RN [4]
RC from pKK223-3
RC from pKK233-2
RA Kozak M.;
RT "Comparison of initiation of protein synthesis in Procaryotes,
RT Eucaryotes, and organelles";
RL Microbiological Reviews 47:1-45(1983).
XX
RN [5]
RP 1-4586 (old)
RC pKK223-3
RA Gilbert W.;
RT "Obtained from VecBase 3.0";
RL Unpublished (1991).
XX
RN [6]
RC pKK34- series from pKK34-121
RC pKK35- series from pKK35-120
RA Kingston R.E.;
RT "Effects of deletions near Escherichia coli rrnB promoter P2 on
RT inhibition of in vitro transcription by guanosine tetraphosphate";
RL Biochemistry 22:5249-5254(1983).
XX
CC GenBank entry is not current with Pharmacia entry (1993).
CC NM (pKK223-3)
CC CM (yes)
CC NA (ds-DNA)
CC TP (circular)
CC ST ()
CC TY (plasmid)
CC SP (Pharmacia)
CC HO (E.coli JM105)
CC CP ()
CC FN (expression)
CC SE ()
CC PA (pBR322) (pKK10-2) (ptacII) (pUC8)
CC BR (pKK233-2) (pKK232-8)
CC OF (pLC29-47) (pJB14)
CC OR ()

PKK2233.SEQ

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FT                               2. pKK3535
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FT                               -> pKK8-18
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FT                               2. linker
FT                               -> pKK10-2
FT                               1. pKK10-2 large BamHI-HindIII 5339bp 2470..7809,
FT                               \ pKK3535 BamHI = 306 7809
FT                               \ pKK3535 HindIII = 1902 2470
FT                               2. ptac11 HindIII 4600bp
FT                               fill in
FT                               BamHI linker 10bp ccggatccgg:BamHI linker 10bp
FT                               \ ccggatccgg
FT                               BamHI-EcoRI 260bp, tac promoter
FT                               3. pUC8 EcoRI-HindIII 30bp 231..261, MCS
FT                               -> plasmid 5600bp
FT                               1. plasmid remove PvuI-BglI, amp gene/3300bp
FT                               2. pUC8 PvuI-BglI 1147bp 387..1534, amp gene/no PstI
FT                               -> pKK223-3 4584bp [unique PstI]"
FT   misc_binding              join(4552..4584,1..11)
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FT   promoter                  complement(11..>88)
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FT   misc_binding              1945..1945
FT                               /note="SIT PvuII"
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FT   CDS                       complement(0..0)
FT                               /note="ANT E. coli beta-lactamase gene (bla)
FT                               ampicillin resistance gene (apr/amp)"
FT   misc_binding              3613..3613
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FT                               /note="TER E. coli rrnB gene T2"
FT   CDS                       0..0

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PKK2233.SEQ

FT
XX
SQ

/note="GEN E. coli 5S gene"

Sequence 4584 BP; 1042 A; 1269 C; 1191 G; 1082 T; 0 other;

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PKK2233.SEQ

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